

SEQUENCE LISTING

<110> Nandabalan, Krishnan
Yang, Meija

<120> p27(Kip-1)-FKBP-12 Protein Complexes

<130> Cura-14 US: p27(Kip-1)-FKBP-12 Complex

<140> 09/719,755

<141> 2000-12-15

<150> PCT/US99/13659

<151> 1999-06-18

<160> 6

<170> PatentIn Ver. 2.1

<210> 1

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(594)

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gac gcc agg cag gcg gag cac ccc aag ccc tcg gcc tgc agg aac ctc 96
Asp Ala Arg Gln Ala Glu His Pro Lys Pro Ser Ala Cys Arg Asn Leu
20 25 30

ttc ggc ccg gtg gac cac gaa gag tta acc cgg gac ttg gag aag cac 144
Phe Gly Pro Val Asp His Glu Leu Thr Arg Asp Leu Glu Lys His
35 40 45

tgc aga gac atg gaa gag gcg agc cag cgc aag tgg aat ttc gat ttt 192
Cys Arg Asp Met Glu Glu Ala Ser Gln Arg Lys Trp Asn Phe Asp Phe
50 55 60

cag aat cac aaa ccc cta gag ggc aag tac gag tgg caa gag gtg gag 240
Gln Asn His Lys Pro Leu Glu Gly Lys Tyr Glu Trp Gln Glu Val Glu
65 70 75 80

aag ggc agc ttg ccc gag ttc tac tac aga ccc ccg cg	ccc ccc aaa	288
Lys Gly Ser Leu Pro Glu Phe Tyr Tyr Arg Pro Pro Arg Pro Pro Lys		
85	90	95
ggt gcc tgc aag gtg ccg gcg cag gag agc cag gat gtc agc ggg agc	336	
Gly Ala Cys Lys Val Pro Ala Gln Glu Ser Gln Asp Val Ser Gly Ser		
100	105	110
cgc ccg gcg cct tta att ggg gct ccg gct aac tct gag gac acg	384	
Arg Pro Ala Ala Pro Leu Ile Gly Ala Pro Ala Asn Ser Glu Asp Thr		
115	120	125
cat ttg gtg gac cca aag act gat ccg tcg gac agc cag acg ggg tta	432	
His Leu Val Asp Pro Lys Thr Asp Pro Ser Asp Ser Gln Thr Gly Leu		
130	135	140
gcg gag caa tgc gca gga ata agg aag cga cct gca acc gac gat tct	480	
Ala Glu Gln Cys Ala Gly Ile Arg Lys Arg Pro Ala Thr Asp Asp Ser		
145	150	155
tct act caa aac aaa aga gcc aac aga aca gaa gaa aat gtt tca gac	528	
Ser Thr Gln Asn Lys Arg Ala Asn Arg Thr Glu Glu Asn Val Ser Asp		
165	170	175
ggt tcc cca aat gcc ggt tct gtg gag cag acg ccc aag aag cct ggc	576	
Gly Ser Pro Asn Ala Gly Ser Val Glu Gln Thr Pro Lys Lys Pro Gly		
180	185	190
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Leu Arg Arg Arg Gln Thr		
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<212> PRT

<213> Homo sapiens

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Phe Gly Pro Val Asp His Glu Glu Leu Thr Arg Asp Leu Glu Lys His		
35	40	45

Cys	Arg	Asp	Met	Glu	Glu	Ala	Ser	Gln	Arg	Lys	Trp	Asn	Phe	Asp	Phe
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Gln	Asn	His	Lys	Pro	Leu	Glu	Gly	Lys	Tyr	Glu	Trp	Gln	Glu	Val	Glu
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Lys	Gly	Ser	Leu	Pro	Glu	Phe	Tyr	Tyr	Arg	Pro	Pro	Arg	Pro	Pro	Lys
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Gly	Ala	Cys	Lys	Val	Pro	Ala	Gln	Glu	Ser	Gln	Asp	Val	Ser	Gly	Ser
						100			105				110		
Arg	Pro	Ala	Ala	Pro	Leu	Ile	Gly	Ala	Pro	Ala	Asn	Ser	Glu	Asp	Thr
						115			120				125		
His	Leu	Val	Asp	Pro	Lys	Thr	Asp	Pro	Ser	Asp	Ser	Gln	Thr	Gly	Leu
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Ala	Glu	Gln	Cys	Ala	Gly	Ile	Arg	Lys	Arg	Pro	Ala	Thr	Asp	Asp	Ser
145						150					155				160
Ser	Thr	Gln	Asn	Lys	Arg	Ala	Asn	Arg	Thr	Glu	Glu	Asn	Val	Ser	Asp
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Gly	Ser	Pro	Asn	Ala	Gly	Ser	Val	Glu	Gln	Thr	Pro	Lys	Lys	Pro	Gly
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<212> DNA

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<220>

<221> CDS

<222> (10)..(333)

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acc ttc ccc aag cgc ggc cag acc tgc gtgc gtgc cac tac acc ggg atg 99

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ctt	gaa	gat	gga	aag	aaa	ttt	gat	tcc	tcc	cgg	gac	aga	aac	aag	ccc	147
Leu	Glu	Asp	Gly	Lys	Lys	Phe	Asp	Ser	Ser	Arg	Asp	Arg	Asn	Lys	Pro	
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ttt	aag	ttt	atg	cta	ggc	aag	cag	gag	gtg	atc	cga	ggc	tgg	gaa	gaa	195
Phe	Lys	Phe	Met	Leu	Gly	Lys	Gln	Glu	Val	Ile	Arg	Gly	Trp	Glu	Glu	
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ggg	gtt	gcc	cag	atg	agt	gtg	ggt	cag	aga	gcc	aaa	ctg	act	ata	tct	243
Gly	Val	Ala	Gln	Met	Ser	Val	Gly	Gln	Arg	Ala	Lys	Leu	Thr	Ile	Ser	
						65			70			75				
cca	gat	tat	gcc	tat	ggt	gcc	act	ggg	cac	cca	ggc	atc	atc	cca	cca	291
Pro	Asp	Tyr	Ala	Tyr	Gly	Ala	Thr	Gly	His	Pro	Gly	Ile	Ile	Pro	Pro	
						80			85			90				
cat	gcc	act	ctc	gtc	ttc	gat	gtg	gag	ctt	cta	aaa	ctg	gaa			333
His	Ala	Thr	Leu	Val	Phe	Asp	Val	Glu	Leu	Leu	Lys	Leu	Glu			
						95			100			105				
tgacaggaat	ggcctcctcc	cttagctccc	tgttcttgg	tctgcctgg	gggatctgg											393
gcctccagac	atgtgcacat	gatccatatg	gagctttcc	tgtatgttca	ctccactttg											453
tatagacatc	tgccctgact	gaatgtgttc	tgtcaactcag	ctttgcttcc	gacacctctg											513
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<212> PRT

<213> Homo sapiens

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Pro	Lys	Arg	Gly	Gln	Thr	Cys	Val	Val	His	Tyr	Thr	Gly	Met	Leu	Glu	
							20				25			30		

Asp	Gly	Lys	Lys	Phe	Asp	Ser	Ser	Arg	Asp	Arg	Asn	Lys	Pro	Phe	Lys	
							35			40			45			

Phe Met Leu Gly Lys Gln Glu Val Ile Arg Gly Trp Glu Glu Gly Val
50 55 60

Ala Gln Met Ser Val Gly Gln Arg Ala Lys Leu Thr Ile Ser Pro Asp
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Tyr Ala Tyr Gly Ala Thr Gly His Pro Gly Ile Ile Pro Pro His Ala
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Thr Leu Val Phe Asp Val Glu Leu Leu Lys Leu Glu
100 105

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<212> DNA
<213> Artificial Sequence

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<223> Description of Artificial Sequence:
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<212> DNA
<213> Artificial Sequence

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oligonucleotide

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